

61

AF-11600  
PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICERe application of: **John Shanklin, et al.**Serial No.: **10/017,145**Group No. **1652**Filed: **December 14, 2001**Examiner: **T. Saidha**For: **MUTANT FATTY ACID DESATURASE AND METHOD FOR  
DIRECTED MUTAGENESIS**Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TRANSMITTAL**

Transmitted herewith are the following to be filed in connection with the above identified patent application.

1. Applicants' Amendment in response to the Final Office Action mailed October 9, 2003, along with Terminal Disclaimer to Obviate a Double Patenting Rejection.
2. Notice of Appeal from the Primary Examiner to the Board of Patent Appeals and Interferences
3. Assignee of applicants is a small entity. The verified statement was filed 12/14/01.
4. Original executed Combined Declaration and Power of Attorney
5. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Applicants' petition for an extension of time to respond to the Office Action mailed 10/9/03. Applicants' petition is for the total number of months indicated below:

Extension (months)

Three Month

Fee for Small Entity

\$475.00

6. The Commissioner is hereby authorized to charge all applicable fees to Deposit Account No. 02-3977.

Reg. No. 25,324

Tel. No. (631)344-7338

Date: 4/8/04

  
Signature of Attorney

Margaret C. Bogosian

Type or Print Name of Attorney

Brookhaven National Laboratory

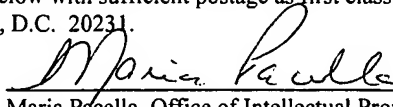
P.O. Address

Upton, New York 11973

---

**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this paper (along with any papers referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

4/9/04  
Date  
Maria Pacella, Office of Intellectual Property  
And Sponsored Research



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: **John Shanklin, et al.**

Serial No.: **10/017,145**

Group No. **1652**

Filed: **December 14, 2001**

Examiner: **T. Saidha**

For: **MUTANT FATTY ACID DESATURASE AND METHOD FOR  
DIRECTED MUTAGENESIS**

NOTICE OF APPEAL FROM THE PRIMARY EXAMINER  
TO THE BOARD OF PATENT APPEALS AND INTERFERENCES

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants hereby appeal to the Board of Patent Appeals and Interferences from the decision of the Primary Examiner mailed 10/9/03 finally rejecting claims 1, 3-5, and 60.

The item(s) check below are appropriate:

1. STATUS OF APPLICANTS

This application is on behalf of

☐ other than a small entity  
☒ small entity

Verified statement

☐ attached  
☒ already filed on 12/14/01.

04/14/2004 RMEBRAHT 00000134 023977 10017145

03 FC:2401 165.00 DA

2. FEE FOR FILING NOTICE OF APPEAL

Pursuant to 37 CFR 1.17(e) the fee for filing the Notice of Appeal is:

X small entity \$165.00

The Commissioner is hereby authorized to charge the payment of the Notice of Appeal for this patent to Deposit Account No. **02-3977**.

Respectfully submitted,



Margaret C. Bogosian  
Attorney for Applicants  
Registration No.

Date: April 8, 2004

Brookhaven National Laboratory  
Margaret C. Bogosian  
Patent Counsel  
Bldg. 475D  
Upton, New York 11973  
(631) 344-7338